

Fig. 1A

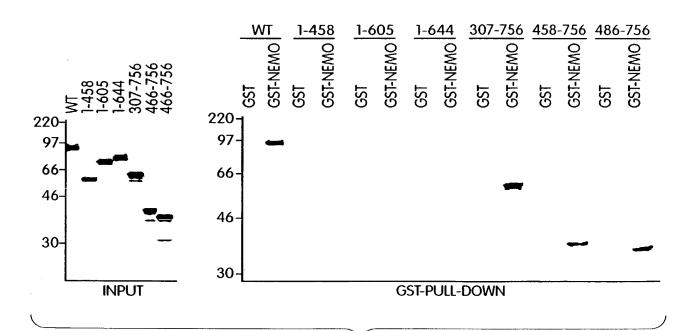


Fig. 1B



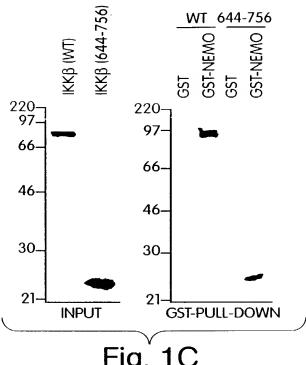


Fig. 1C

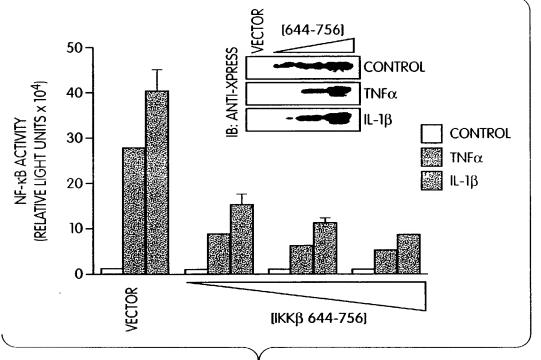


Fig. 1D

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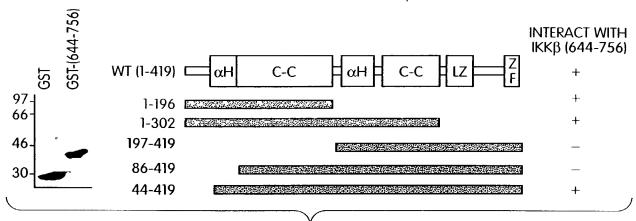


Fig. 2A

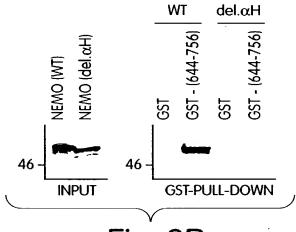
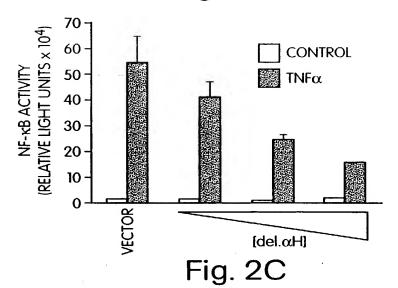
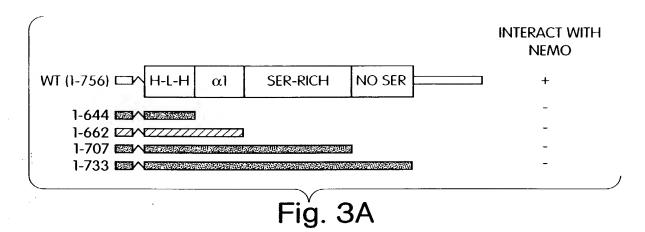


Fig. 2B





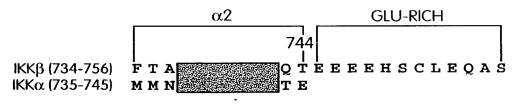
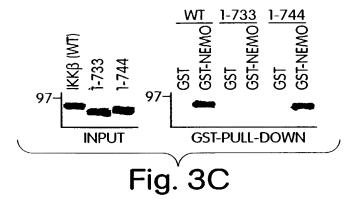
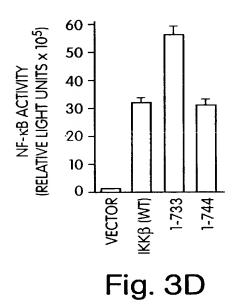
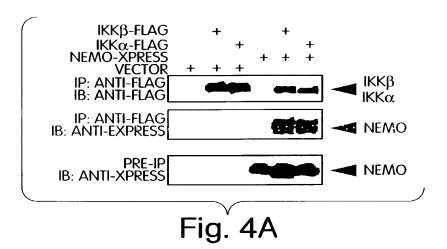
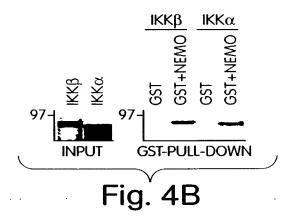


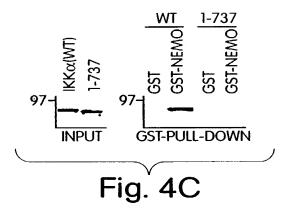
Fig. 3B

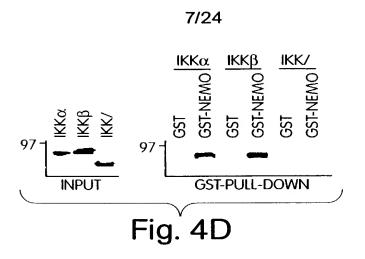


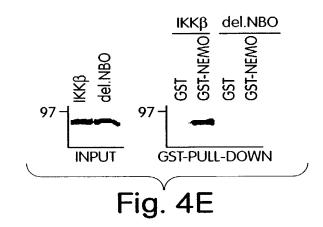












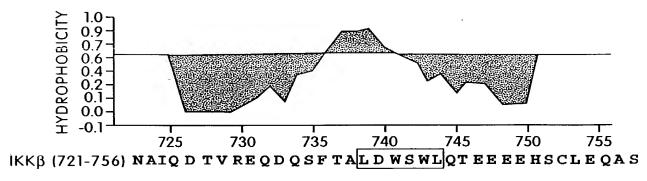


Fig. 4F



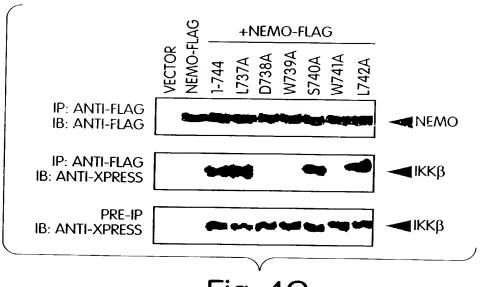


Fig. 4G

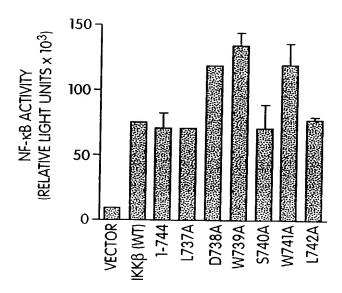


Fig. 4H

WILD-TYPE: drqikiwfqnrrmkwkkTALDWSWLQTE

MUTANT: drqikiwfqnrrmkwkkTALDASALQTE

Fig. 5A

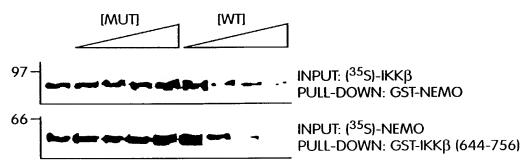


Fig. 5B

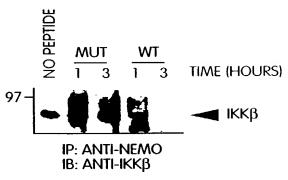
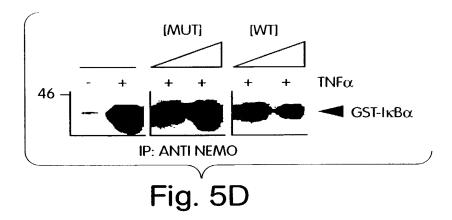
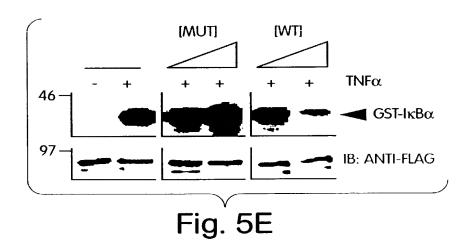


Fig. 5C





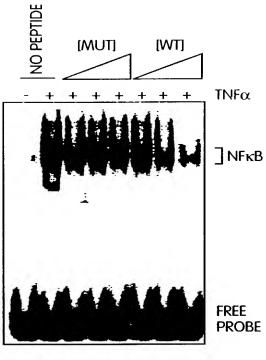
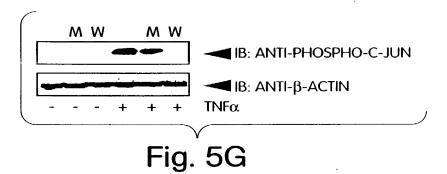
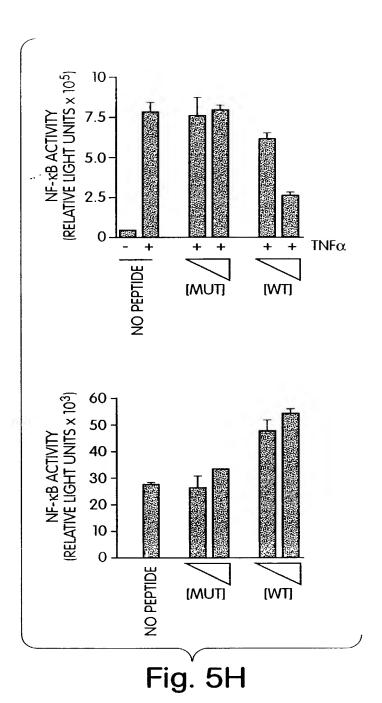
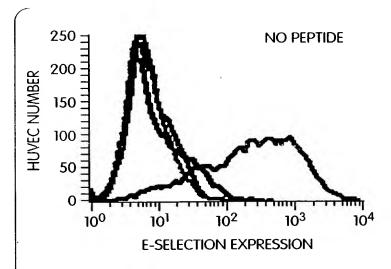


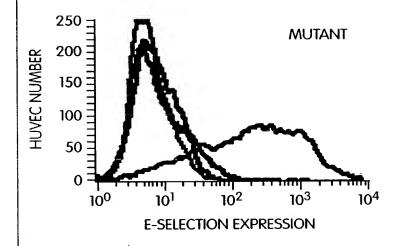
Fig. 5F











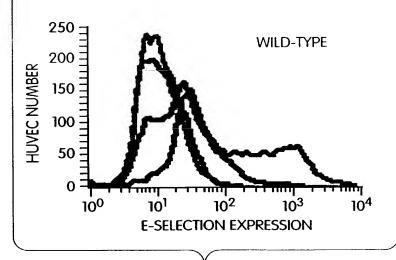
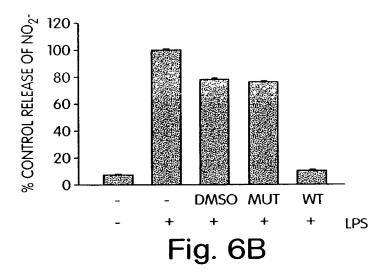
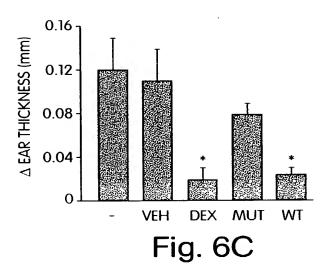


Fig. 6A

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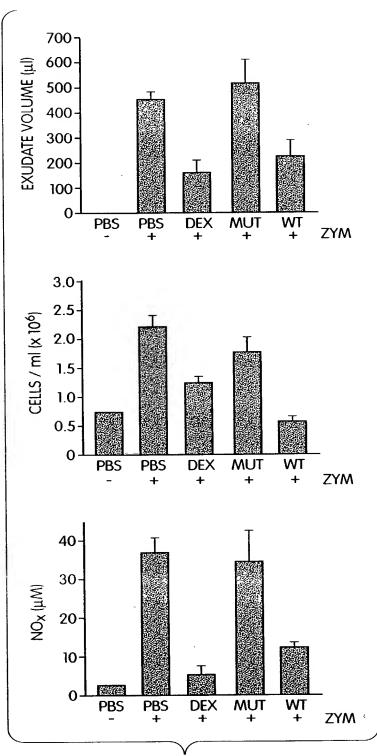


Fig. 6D

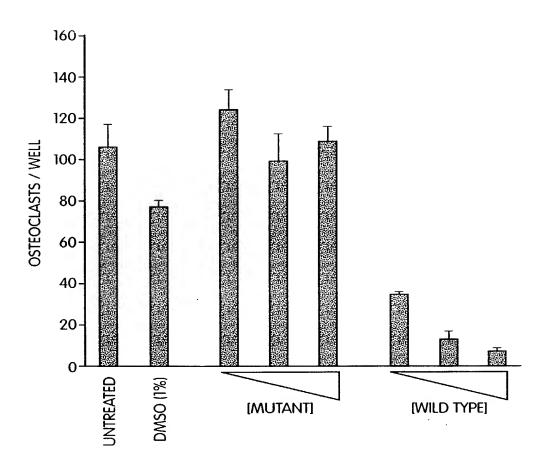
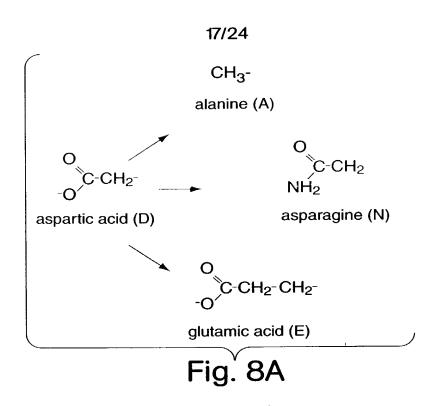


Fig. 7



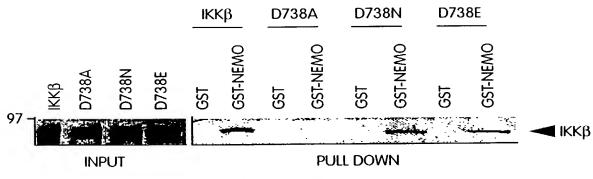
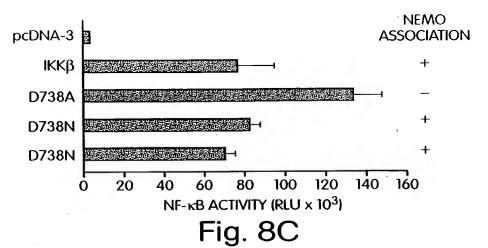
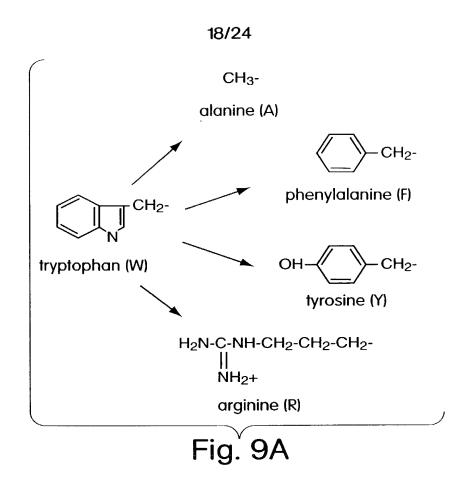


Fig. 8B





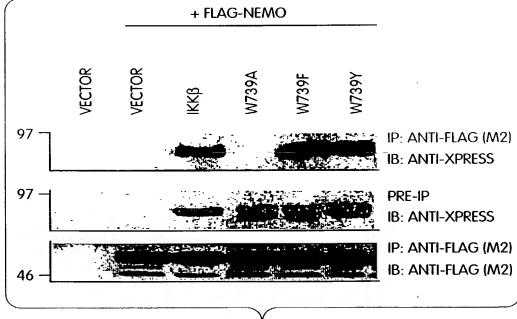


Fig. 9B

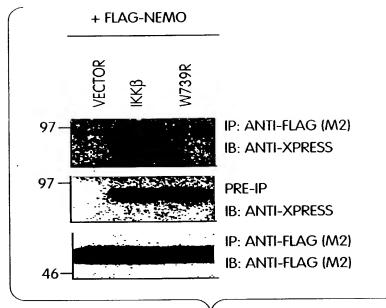


Fig. 9C

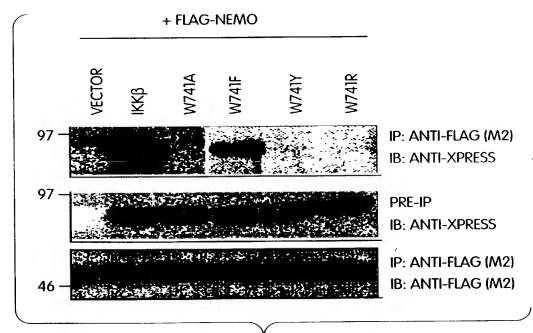


Fig. 9D